# AMENDMENTS TO THE CLAIMS:

1.    (Currently Amended) An aircraft data transmission system comprising:

      (a)      means for monitoring and collecting aircraft data;

      (b)      means for formatting the data or a portion of the data as a binary or text file;

      (c)      means for incorporating the binary or text file into an email message;

      (d)      means for transmitting the email; and

      (e)      communication means for carrying the email transmission to a ground station.

2.    (Original)    The system of claim 1 further comprising a GPS receiver.

3.    (Original)    The system of claim 2 wherein the communication means comprises a satellite modem and transceiver.

4.    (Original)    The system of claim 1 wherein the means for monitoring and collecting aircraft data comprises at least one aircraft databus interface.

5.    (Original)    The system of claim 4 wherein the means for monitoring and collecting aircraft data further comprises at least one discrete input interface.

6.    (Original)    The system of claim 1 wherein the binary or text file comprises a summary of the aircraft data or a portion of the aircraft data.

7.    (Original)    The system of claim 6 wherein the means for formatting the data or a portion of the data as a binary or text file comprises means for encrypting the binary or text file.

8.    (Original)    The system of claim 1 wherein the means for monitoring and collecting data comprises random access memory and a removeable non-volatile memory.

9. (Currently Amended) The system of claim [[9]] **8** wherein the removeable non-volatile memory comprises a solid-state memory card.

10. (Original) The system of claim 1 further comprising a rules database comprising a plurality of aircraft data conditions and related actions, means for monitoring aircraft data and comparing aircraft data to the rules database.

11. (Currently amended) A method of transmitting aircraft data from an aircraft comprising the steps of:

    (a) receiving digital flight data from an aircraft data bus or a discrete input or both;

    (b) storing the data to a flight data file;

    (c) creating a summary file **of flight data or a portion of flight data in binary or text format** upon a specified event or command;

    (d) transmitting the summary file in the form of an email or attached to an email via a radio transmitter, **or a satellite modem and transceiver**.

12. (Original) The method of claim 11 further comprising the step of receiving the email at a ground centre and storing the summary file in a database.

13. (Original) The method of claim 12 further comprising the step of forwarding the email to a user.

14. (Original) The method of claim 13 further comprising the step of creating and transmitting a second email to a user containing or attaching a data file.

15. (Original) The method of claim 11 further comprising the step of storing the flight data file onto a removeable non-volatile memory.

16. (Original) The method of claim 15 wherein the removeable non-volatile memory comprises a solid-state memory card.

17-20. (Cancelled)

21. (New)    The method of claim 11 further comprising the step of encrypting the summary file.

22. (New)    The method of claim 11 further comprising the step of providing user access to the summary file by Internet (HTTP or HTTPS), private network or VPN.

23. (New)    A method of monitoring data from an aircraft, comprising the steps of

    (a)    receiving flight data which may comprise digital data and/or an aircraft event;

    (b)    monitoring flight data and comparing flight data to a rules database, without recording or storing digital data, wherein the rules database defines at least one aircraft data storage condition; and

    (c)    storing the digital data into a memory upon the flight data matching the aircraft storage data condition.

24. (New)    The method of claim 23 wherein the rules database further comprises at least one aircraft data condition and a related action to be taken, wherein the related action to be taken is chosen from the group consisting of:  creating a data file, recording data to a data file, closing a data file, saving a data file to a memory, or creating and sending a data file by email.